G R S App I IX 4]

Previous References

1943-44 R & L File No 7.9 42

(— 1)

Serial Nos 23, 24-430

Later References

GENERAL AND REVENUE SECRETARIAT

Serial Nos

Part B for Nov 1943

SUBJECT

Provisional arrangements for the distribution of water supply to unmetered houses in [illegible]

To the Clerk [illegible]
is sent herewith
a Part
a Secn [illegible]
a Clause
2-7-42-6 ✱
Clerk [illegible]

Public Works Secretariat | File No | of 194

(1

Serial No

Letter No 7944 dated 14 11 1 from the Chief Engineer of Mysore

Requests Sanction to adopt a provisional alternative method of Supply of Water in Bangalore City in unmetered houses till meters become available

—

In the City of the Water Supply Division Executive Engineer's letter No 416 dated 2nd November 1942, it is reported that in the Bangalore City Distribution there are 10,800 metered and 1,400 unmetered services at present, and every year, about 450 fresh Connections to new houses will have to be given Meters are not available now for being installed for the unmetered services on account of war conditions and it will not be possible for meeting them and also the new Connections until ~~after~~ a good time after the war

2 It is reported that in unmetered houses the present rate of Consumption is 30 to 35 gallons per

Note —Contn sheet

WP 01094—GPB—20 000—22 2 41

compared

head per day against the general average of 20 gallons per head per day A case is thus made out by tests Conducted, that the water Consumed by such services will be varying from 5,000 to 8,000 gallons a month and that there is much wastage of water in addition to the loss of revenue in the shape of excess Water Charges payable by the Consumers but unrecovered for want of meters

3 For Controlling the Supply to unmetered services and services to be given afresh, the Executive Engineer's Suggestions for adoption are as follows

(a) Existing unmetered Services

(I) Introduction of ferrules or discs to limit the outflow from the service pipe The Cost of providing these devices for 1400 connections will be Rs 7,000 at Rs 5/- each

(II) Levy of flat rate Necessitates Cancellation of the original agreement, and execution of a fresh agreement by the Consumer The rules already framed under which the Consumer has already taken the service by written agreement with the Deptt allow only metered Supply and levy ~~Imposit~~ of excess water charges allowed over the free allowance of Water ~~fixed~~ for him

Serial No

This Suggestion therefore seems not legally supported.

(b) New Connections

The rules provide for giving new connections under meter system But the Executive Engineer suggests that a separate agreement may be taken from the applicants Consenting to have the service on ferrule system and flat rate payment

4 Though the above suggestions are as a stop-gap arrangement until meters are available, the existing rules require to be modified in the Case of new Connections; and in the Case of the Connections already given but without meters, the proposed insistence of ~~Cate~~ a fresh agreement Cancelling the original agreement for metered service with the minimum free allowance of water under the existing rules does not appear legally sound As the main object aimed at is to Control the liberal or extravagant use of water by Consumers generally and to prevent wastage of water by unmetered Consumers,

Note —Contn sheet

WP 01091—GPI 20 000—22 2 41

Enquired

the following proposal may perhaps be considered -

5 Under Rule 37, the Executive Engineer may dispense with meters in the case of premises, which, in the opinion of the Department, are not likely to consume more water than the free allowance to be granted thereto. Statistics of meter readings of 10,800 metered Connections are readily available in the Division The meters of ~~the~~ such of the Connections which have not consumed more than the free allowance on the basis of an average calculated for a period of, say, 1 year, may be taken out and fixed to the unmetered Connections and to fresh Connections as they occur. Liberal or extravagant use may also be controlled by taking recourse to fixing ferrules or doses for such of the Connections as have recorded large Consumption according to Statistics This may be done at the Cost of the Department, the meters already installed, however, being undisturbed

6 The file relating to the General Control of Water Supply containing orders on the proposal to throttle the mains or as an alternative giving intermittent Supply is also put up

15/12/12

The Law Secretary may be consulted

Water Supply - provisional arrangement for supply to unmetered houses in the Bangalore City Distribution

Public Works Secretariat

File No of 194

Serial No

GEN 13 JAN 1943 L S G

SECY LAW DEPT. 1944 GOVT OF MYSORE

first regarding the proposal of the Executive Engineer Water Supply Dn Bangalore.

Law Secy w/c

2/11/43

4-1-43 for 4/1/43

Submitted for orders. It is submitted that the proposals made are not free from difficulties.

A copy of the water supply rules is also put up

13/1 9 pl puts up the file (in duplicate) in which the Hl Cur Munsiff has been requested to state if the Hl Cl is willing to take the meters of the Kaveri project & have them installed in the city

10 the Executive Engr. has also suggested that the meters available at Tumkur may also be purchased for the Municipal Hl Cl - pl puts that file also

Submitted for 13/1/43

Hl 96-41 is linked herewith as directed above

16/1

WP 01094—G1B—20 000—22 9 41

Note—Contn sheet

16/1 completed

12) There are 1400 unmetered connections in Bangalore city with a view to minimise the wastage of water. The Executive Engineer Water supply Division has suggested the introduction of ferrules or discs to limit the supply from service pipes. The cost of providing this is estimated at Rs 7000/-. This will have to be met by the Bangalore city MC el who will have to be consulted in the matter. Further, it may be difficult to get the ferrules discs during wartime. Having regard to these facts & the fact that this proposal involves also the amendment of the existing rules relating to water supply in Bangalore city, it does not appear advisable to adopt this arrangement.

13 The other practicable arrangement that may be thought of is to provide as many meters as are available. About 1100 meters are available both at Chitaldrug & Tumkur, as they are not likely to be installed in those places for the present. Moreover if DA is willing to give them away for the time being Corporation to whose programme of supply of water they have been allotted in the budget for the year 1942-43 if the MC el is willing to purchase them - those of Kolar & BG requisite has yet been received. It would be of advantage to purchase the meters which combined fullest scale (when they cannot get at all gets in the market) & install them not only to see that the wastage of water is minimised but also to secure a saving revenue in the shape of meter rent which charges etc

14) The second part is that, out of 10,000 metered connections, there should be some in respect of which

as judged by the meter readings recorded during the last 12 months or more, the minimum ~~quan~~ allowed to each connection in these cases, no useful purpose would be served by having the meters

These figures are communicated to the water supply Division staff & the numbers of such meters can be easily found out. These may be removed & installed, especially in bungalows & houses where have lawns & gardens which are not watered at present. The Executive Engr water supply Division should be able to spot out such buildings where consumption of water is likely to be very high.

13. The third point is to restrict the water by giving intermittent water supply, in case the total consumption for the entire city goes up beyond the limits supply

14. The above views in regard to the proposal of the Executive Engineer, water supply Division is respectfully submitted to the Hon'ble Secy to Govt PWD for perusal & orders.

Para 7 above may be considered as the above is practicable

22-2-43

15) Forwarded with compliments to the Secy to Govt of Punjab Health for favour of information.

WD 1140—GPB—50 000—5-11-42

4/4/43 compared

C 389-2/18 3rd
Encl 1 to 10 file

Retransmitted with compliments -

* A copy of opinion of the Sanitary Engineer on the subject is enclosed

* Re Introduction of ferrules in unmetered water connection in Bangalore City

11231/2056

The Executive Engineer, Bangalore City Water Supply Division, proposes introduction of ferrules for 1400 unmetered connections, out of 12,000 house-connections in Bangalore City only 1,400 are remaining unmetered, which means the proportion is roughly 1/10 The total consumpti of the Bangalore City distribution is 4 million gallons As such, even taking a liberal view, it may be taken as a rough estimate that as a maximum 4,00,000 gallons are being consumed by the 1,400 unmetered connections, which correspo 1/10th of the town's total consumption Assuming that there will be 25% savings after the introduction of ferrules, there will be only 100,000 gallons saved, which is after all very little and would not, in any manner, improve the situation

Secondly, the Executive Engineer, Bangalore Water Supp Division, assumes that the water pressure in the pipe line will be constant This probably is not what actually obtains and it may so happen that by the introduction of ferrules the consumers may be greatly inconvenienced and some of them may not get adequate water supply at all In some other cases where the pressure is adequate, the introduction of ferrules would not very much reduce the consumption, since instead of drawing their usual supply in a shorter number of hours, they will keep the taps open for a longer period and the draw from the taps may not be appreciably reduced at all

Further, according to the terms of the agreement entered into with the consumers, the consumers have agreed to have meters introduced and the quantity of water as gauged

gauged by the meter measured and paid for Introduction of ferrules would introduce a new clause and it would be necessary, before introducing them, to obtain fresh agreements from the consumers which will have to be considered in the Municipal Council and final Government Orders obtained before the ferrules cutting down the supply could legally be introduced. Before all this is done, the summer season may well have passed away

The other alternative proposed in the Government Note on the Executive Engineer's proposals is that instead of introducing ferrules at a cost of Rs 7,000/-, it is better to withdraw the meters from metered connections wherever, (from one year's record,) it is observed that under 3,000 gallons of water per month is actually consumed This appears to be a very much better alternative than introducing ferrules But I would suggest that instead of taking only one year's record, three years' records may be taken and wherever the three years' records go to show that under 3,000 gallons of water is consumed, the meters could be withdrawn and introduced in other places Against this there is only one point to mention, namely, as soon as the meter is withdrawn, the consumption will again tend to shoot up due to lack of care, from these houses where meters are proposed withdrawn To me the best proposal would be to immediately release the meters (about 600 to 700) purchased for Tumkur and Chitaldrug water supplies and use them up to as many of the unmetered connections as possible, the order of introduction being based upon the inspection of the Executive Engineer and his staff of the individual connections and the metering should in the order of im portance In my opinion the introduction of ferrule system would not work satisfactorily and expenditure not warranted The same amount

WD 1140—GPB—50 000—5-11 42

14/4/47 compared

LRD, I

(c) Provisional alternative method of water supply - Utilisation of plant already in existence pending completion of new meters

Continuation Sheet (c) File No / Current No 75 of (c) Page

amount can be spent on the available meters

66 Manners
DIRECTOR OF PUBLIC HEALTH
16th March 1943

Acc 20-3-43

(2) Should approval be given the file will be sent to the Secy. G. of D. for his opinion on the Note of the Dr of Health

WKG 22/3

(3) As the scheme of the Municipal Council aforesaid may possibly be called for on the above proposal of the Chief Engineer we will then be in full possession of the views of all the parties concerned and it would be easier to reach a decision

11315 23/3/43 (4)

(5) The scheme of the Municipal Council may be called for

Secy 23/3/43

Minister L-S-G

Acc 23-3-43

(6) Yes 23-3-43

Acc 24-3-43

(7) Draft letter put up 29/3/43

(8) Issued with draft letter as above

WKG 30/3

29) Issued 31/3/43

OFFICE OF THE MINISTER FOR L.S.G. & P.H. Date 24 3 43 No. 7880

TYPING SECTION 31 MAR 1943

25. To Mr. ML Comm. BCiS. Trade Dept
No L 9834 Dy 1-4-43
Requests him to obtain and forward the opinion of the ML Govt on the matter

Govt A 5/4

Letter No A3 841/42-43 Dy 2-6-43 from the ML Comm, BCiS. stating that the ML Govt have resolved that the system of ferrules be tried as an experimental measure in respect of some unmetered connections & that the Executive Engineer, Water Supply, Dvr be requested to make a report thereon to the Council -

Dealt with reference to Paras 24 & 25 supra

Since the municipal council are agreeable to have the system ferrule tried as an experimental measure in respect some unmetered Connections - in the city, the same may kindly be approved & an estimate of cost for experimenting on about 100 Connections may be called for from the Chief Engineer

For orders

Lawrence 29/6/43

May be tried on about 100 connections

Recd 29 6 43

Secy 29/6/43

Draft for Govt Order

Compare

May be agreed
29/6/43

15181

OFFICE OF THE MINISTER FOR L.S.G. & P.H. Date 30 6 1943 No 10627

W.D 1140—GPB—50 000—5-11-42

submitted with a draft G.O. for approval
KKB 7/7 for may be issued with the
concurrence of the Legal Dept.

P. W. D.

Law Secy. for
7/7/43

Secy. Mun.
7/7/43

Acs
8-7-43
7/7/43

GOVT LAW DEPT
7/7/43
GOVT OF MYSORE

Draft G.O. marked as per Mins
A very useful measure
Local Self Govt
Comptr.
8/7/43

Acs
9-7-43
Asst Secy
9/7/43

TYPING SECTION
9 JULY 1943
GEN & REV SECTT

To The Chief Engineer of Mysore, P.W.D.
The Mc Comm. for Civ. thro PWD
The Dr of P. Health
The Comptroller

No L 742-6 8/16 7-43

Directs that the systems as suggested by the Executive Engineer Water Supply, Dom Blore, be tried for the present in respect of 100 unmetered connections in the city & the results reported to Govt at the end of six months & requests the chief Engineer to forward an estimate of cost for installing ferrules

7/7/43

The estimate called for from the Chief Engineer in the last para of RO dy 16-7-43 has not been received so far

Submitted for orders

Ulas 9/11

It necessary if the Chief Engineer wants it, he will forward the same in the meantime these papers need not be kept in dy may be recorded for

9/11/43

B

Subd A report as to the working of the families system in B'ngr after 6 months. dy of appr this will be kept in Sec B till the end of December 1943. The Go was issued on 16-7-43

Ulas 10/11

But you have not received progress as yet hence we need not wait for this dy may be recorded for the present & further when progress are received for

11/11/43

B 12/11 JSL

14/4 compared

LEO 14/11

WD 01s09—GPB—60 000—26-1 43

C. F No 45]

726

GOVERNMENT OF MYSORE

Telegram / phone

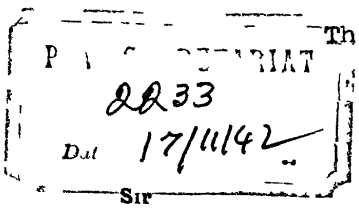
No 7944
Encls 2

ML 79-42-23

OFFICE OF
the Chief Engineer of Mysore,
P W. D,
Bangalore

Date 14-11-42

To



The Secretary to Government,
Public Works Department,
Bangalore

Sir

A provisional alternative method of supply of water in Bangalore City distribution to unmetered houses till meters become available

I have the honour to forward herewith, a copy of letter No 416 dated 2-11-1942, with a copy of its enclosure, received from the Executive Engineer, Water Supply Division, on the above subject, and in view of the facts therein explained, to request you to be so good as to obtain the sanction of Government to adopt the ferrul system of control for unmetered connections, as otherwise it will result in wasteful use of water and it would be very difficult to meet the demand which is on the increase unless a proper control is exercised in the matter

I have the honour to be,
Sir,
Your most obedient Servant,

15/11/42

CHIEF ENGINEER OF MYSORE

14/11

WD 01-00—GPB—60 000—2-1 43

L9834/ Ml 79-42-25

To The Ml Comm, Bangs thro Govt

Sir,

I am directed to forward herewith a copy of letter No 7944 S/14-1142 received from the Chief Engineer Mysore, P W D together with its enclosures in original re the provisional alternative method of supply of water in the Bangalore city distribution to unmetered houses till meters become available, and to request you to be so good as to obtain and forward at the opinion of the Medl Officer of Health as to whether the water is fit for drinking purposes as required therein in the matter at an early date.

The enclosures may be kindly returned with your reply.

L9835 1/4

memo
copy to chief engr
for info

I have etc
for Secy
Govt
Dr Lox Lawrence Bloss

BANGALORE CITY MUNICIPALITY 7680

No M 43-841/42-43 MUNICIPAL OFFICES

Encl Nil Bangalore 12th June 1943

17 JUNE 1943 LSG BRANCH

FROM P Suryanarayana Setti, Esq , B.A , LL B ,
~~ABDUL AZIZ KHAN Esq~~
MUNICIPAL COMMISSIONER
Bangalore City

SECY LAW DEPT 17 JUNE 1943 RECD GOVT OF MYSORE

TO

C Narayanaswamy Naidu, Esq., B A , B L ,
SECRETARY TO THE GOVERNMENT
OF HIS HIGHNESS THE MAHARAJA OF MYSORE,
LAW DEPARTMENT, BANGALORE

SIR,

With reference to your letter No L 9834/M1 79-42-25 dated 1-4-1943 in the matter of installing ferrules due to non-availability of water meters, I have the honour to state that the Municipal Council at their meeting held on 29-4-1943, have resolved that the system of ferrules be tried as an experimental measure in respect of some unmetered connections and that the Executive Engineer, Water Supply Division, be requested to make a report thereon to the Council Action is being taken accordingly The enclosures received with your letter, are returned herewith

I have the honour to be,
SIR,
Your most obedient servant,

Forwarded with compliments

15/6/43

T Suryanarayana Setti
Municipal Commissioner

mlt

14/6/43 compared

Letter No 416 dated 2rd November 1942 from the Executive Engineer, Water Supply Division, to the Chief Engineer of Mysore

---

Provisional alternative method of supply of water in Bangalore City Distribution to unmetered houses till meters get available in large numbers

---

I have the honour to report that since 1897-8 the Government orders for supply of water to houses in Bangalore were framed on a compulsory metered basis In practice, however, all the houses were never metered at all Even before 1933-34 we had about 5,200 services of whom only 400 or so were domestic-metered and 300 nondomestic and metered Even during the years 1934 to 1941 we never completely metered all our services To-day we have 1,400 unmetered services and 10,800 metered

As meters are not available now, though costly, the number of unmetered services will rapidly be on the increase at an average rate of not less than 400 to 450 per year

But even the rules which have been revised in G O No I 2153-M L 105-34-9 dated 26th August 1939 are based on the compulsory metered basis and no alternatives are so far provided therein

But the wastages in unmetered services are however going beyond all reasonable measures and are already affecting even the maximum pumping capacities of the Chamarajsagar System old and new together

As already reported in this office No 410 dated 2-11-1942 we will have a very hard time of it in the summer of 1943 unless we observe a very rigid economy in the issue of water At the same time it looks as though such a measure of control has to be continued for quite a long time to come even now and after the war is over until we can manufacture meters on a large scale and get them readily

It is however not possible to go on to encourage heavy wastages of costly filtered water till such a time and suitable measures of control are absolutely necessary

In this connection, I wish to place before you one or two

Chief Engineer of Mysore

14/4/42 compared

16

alternative methods of control which are in vogue in certain parts of the United Provinces and in Bengal and are very effective in the control of water to house services and also in the total supply to the towns

1) In U P they have controls effected by giving 1/8", 1/16" 3/16" and ¼" bore supplies by suitable ferrules which will be under lock and seal They have also in some towns the orifice control system wherein circular discs of varying diameter are provided and kept free from tamperings or replacement by lock and seal

2) In Bengal they have got the Griffins Patent system of supply by a decentralised storage system wherein they put in a copper tube of known diameter inside the usual galvanised ½" or ¾" pipe and supply water to tanks located in each house steadily all the 24 hours

Professor C W Cassee, Chief Engineer for Water Supplies, U.P and Mr Griffin, a distinguished Member of Indian Institute of Engineers, have both given opinion that these two methods are the very best substitutes for a metered supply and have many advantages over the metered system and can keep the consumption below 13 to 15 gallons a day per head against 20 we are now consuming in total and 30 to 35 gallons which would be consumed in unmetered houses

For our present problems on hand immediately, I beg to suggest the following course of action -

1) to say that no more water services can be given under the existing rules as the pumping capacities are already overreached except by a separate agreement to be entered into ~~xx~~ by the consumer with the Water Supply Department, namely, that he consents to have the water service laid to his house on the Ferrule system whose size can be in accordance with the assessment paid and for the water consumed therein a flat rate varying between 8 annas a month and Rs 2-8-0 a month be acce ted to be charged to him from the Water Supply Department

2) The water consumed from such services (as enclosed te show) will be varying between 5,000 and 8,000 gallons a month Hence, the rates would have considered the allowance also Moreover the Municipal tax paid by a consumer entitles him to have the sub-mains laid near to his house and not for any free water by right. Thus there cannot be any legal flaw in entering into a separate agreement with a consumer for supply of water to his house

3) Regarding the 1,400 houses which have already been served with water of ½" and ¾" sizes but are not provided with meters

These also can be provided with these ferrules or discs but meeting the cost from Annual Maintenance of Bangalore City Distribution Just as we prevent wastages at every house by controllin the Municipal control cock, we do so by means of these discs and the consumer cannot complain If he does,so we can easily temporarily put a meter and show that he gets water allright

Regarding the levy of flat rate on these houses, however, there is some trouble The reason is he has already given an agreement under the metered system We have not metered it as we have no meters But that reason will not convince him So we have to cancel the original agreement and ask him to enter into a fresh agreement and then levy the flat rate

4) Regarding the income from this new proposal -

a The 1,400 houses which are unmetered can easily give us less than ₹ 1,400 - per month on an average

b The new houses at 450 a year will give us at least Rs 400/- a month

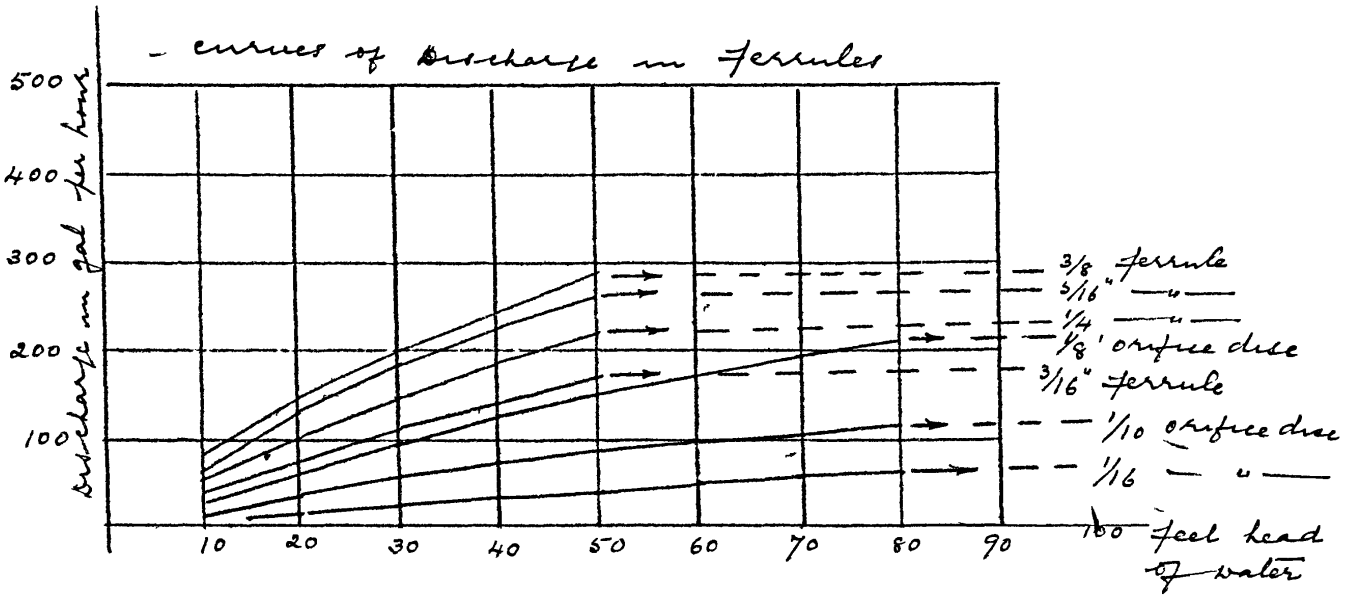
c The cost of providing ferrules and locking arrangement will not cost more than ₹ 5/- a house

Under the above circumstance, I pray that Government may be caused to consider this proposal and give decisions before end of December as summer conditions of 1943 require very stringent methods of control, if the issues go on unchecked as at present

"Copy"

CRS/13

Chief Engineer of Mysore



Comparative Statement of Discharge from Small discs ferrules & circular orifice plates.

No	Size of ferrules or orifice plates	Discharge at varying heads caused against a water meter with back pressure also									Consumption in month with 5 hrs supply at 10' pressure only
		10 ft head gals in 1 hour	20' gal 1 hr	30 gal 1 hr	40 gal 1 hr	50 gal 1 hr	60 gal 1 hr	70' gal 1 hr	80 gal 1 hr	90 gal 1 hr	
1	3/16" ferrule	40	77	104 4	135 6	159 6					6000 gals a month
2	4/16 —u—	52 8	102	148 8	190 2	219 0					6920 —u—
3	5/16 —u—	64 2	130 2	185 4	226 8	261 6					9630 —u—
4	6/16 —u—	67 8	137 2	198 6	246 6	282 6					10170 —u—
5	3/16 ferrules but no back pressure	62 4	102	132 6	159 6	187 8					
6	1/8" orifice plate	28 0	62 0	90 0	117	140	162	182	198		4200 —u—
7	1/10 —u—	10 0	32	48	63	70	75	85	120		
8	1/16 —u—	25 at 14 ft	7	11 at 24 ft	22 at 40 ft	32 at 54 ft	34	37	40 at 80		

"Copy"

(Sd) CN Shama Rao
3.11.'42

Commd
Supdg Engineer of Mysore
14/11/42

14/11/42 ✓ Compared

G R S App F VI—G 2]

SUBJECT

Diary No of letter replied to ..

General and Revenue Secretariat

( )

the *194*

Date of issue 16/7 194

Signed by

May this be—

(i) printed ?

(ii) treated as a standing order ?

(iii) published in the Gazette English Part ?

(iv) translated ?

(v) placed at the disposal of the press ?

(vi) published in the Gazette Kannada Part ?

Section ml

File No 7942

Serial No 30

Proceedings of the Government of His Highness the Maharaja of Mysore

Read— Letter No 7944 dy 14-11-42 from the chief Engineer of Mysore, P W.D in the matter of installing ferrules to such of the house connections which have not been metered in connection with the ~~Order thereon No~~ distribution of water Supply in Bangalore city

2) Correspondence ending with letter No A3.841/424 dy 12-6-43 from the ml Comm Bangalore city forwarding the opinion of the ml cl in the matter

Order No £742-6

The Executive Engineer
water Supply Division, Blore
has reported that, in connection
with the water Supply Distribution
in Bangalore city, there are
10,800 metered & 1400 unmetered
services at present & that meters
are not available for being
installed to the unmetered services
on account of war Conditions
& it will not be possible for
metering them and also the new connections
until a long time after the war.
It is also reported that, in the unmetered
houses, the present rate of consumption
is 30 to 35 gallons per head per day
as against the general average of
20 gallons per head per day which is
evident by the tests conducted in this
behalf & that there is much wastage of water
in addition to the loss of revenue on the shape
of excess water charges payable by the consumers
but cannot be recovered for want of meters.

List of Enclosures

Copied by

Examined by

G R S App F G 3

GENERAL AND REVENUE SECRETARIAT

(Continuation sheet draft form)

With a View to Control the supply of water to un-metered services and services to be given a fresh so as to prevent the wastage of water, he has suggested the installation of ferrules to the remaining un-metered ~~services~~ services numbering 1,400 at a total Cost of Rs 7000/- at Rs 5 each The Bangalore city mcl who were consulted in the matter, while agreeing to the above proposal, have suggested that the system of ferrules may be tried as an experimental measure in respect of some unmetered Connections

After considering all the aspects of the question Govt are pleased to direct that the system

WD 0282—GPB 22 500—14 3 38

as ~~directed~~ suggested by the Executive
Engineer, Water Supply Division, Bangalore
he tried for the present ~~experiment~~ in respect of
100 immediate connections of the city.
result ~~the~~ reported to Govt at the
end of six months after that period,
when the question of installing
ferrules to other connections ~~and~~ etc
~~making it permanent~~ will be considered.

The Chief Engineer to put P W D
is requested to furnish an
estimate of cost for installing
the same

Sec to Govt
W.B. Law Dept
7/7

To The Chief Engineer Bangalore, P. W. D. ✓
The M.C. Comm. Bcity thro' Dy
The Dir of Health ✓
The Secy to Govt P. W. D ✓
The Comptroller ✓

PROCEEDINGS OF THE GOVERNMENT OF HIS HIGHNESS THE MAHARAJA OF MYSORE

Read:-

Letter No.7044 dated 14th November 1942, from the Chief Engineer of Mysore, Public Works Department in the matter of installing ferrules to such of the house connections which have not been metered in connection with the distribution of water supply in Bangalore City.

2. Correspondence ending with letter No. 3.841/42-43 dated 12th June 1943, from the Municipal Commissioner, Bangalore City, forwarding the opinion of the Municipal Council in the matter.

ORDER NO. L 742-6/and 79-42-30 Dated, Bangalore, 16th July 1943.

The Executive Engineer, Water Supply Division, Bangalore, has reported that in connection with the water supply distribution in Bangalore City, there are 10,900 metered and 1400 unmetered services at present and that meters are not available for being installed to the unmetered services on account of war conditions and it will not be possible for metering them and also the new connections until a long time after the war. It is also reported that, in the unmetered houses the present rate of consumption is 30 to 35 gallons per head per day, as against the general average of 20 gallons per head per day which is evident by the tests conducted in this behalf and that there is much wastage of water in addition to the loss of revenue in the shape of excess water charges payable by the consumers but could not be recovered for want of meters. With a view to control the supply of water to unmetered services and services to be given afresh so as to prevent the wastage of water, he has suggested the installation of ferrules to the remaining unmetered services numbering 1,400 at a total cost of Rs.7,000/- at Rs.5/- each. The Bangalore City Municipal Council who were consulted in the matter, while agreeing to the above proposal, have suggested that the system of ferrules may be tried as an experimental measure in respect of some unmetered connections.

After considering all the aspects of the question, Government are pleased to direct that the system as suggested by the Executive Engineer, Water Supply Division, Bangalore, be tried for the present in respect of 100 unmetered connections in the City and the result reported to Government at the end of six months after that period, when the question of installing ferrules to other connections etc., will be considered.

The Chief Engineer to Government, Public Works Department is requested to forward an estimate of cost for installing the same.

By Order,
Secretary to Government,
Law Department.

The Chief Engineer of Mysore, Public Works Department.
" Municipal Commissioner, Bangalore City through the President, City Municipal Council, Bangalore.
" Director of Public Health in Mysore.
" Secretary to Government, Public Works Department.
" Comptroller to the Government of Mysore.

F.1.4.7.